

OPINION 1947

***Iguanodon* Mantell, 1825 (Reptilia, Ornithischia): *Iguanodon bernissartensis* Boulenger in Beneden, 1881 designated as the type species, and a lectotype designated**

Keywords. Nomenclature; taxonomy; Ornithischia; IGUANODONTIDAE; *Iguanodon*; *Iguanodon bernissartensis*; iguanodons; Lower Cretaceous.

Ruling

- (1) Under the plenary power:
 - (a) all previous fixations of type species for the nominal genus *Iguanodon* Mantell, 1825 are hereby set aside and *Iguanodon bernissartensis* Boulenger in Beneden, 1881 is designated as the type species;
 - (b) all previous fixations of type specimens for the nominal species *Iguanodon bernissartensis* Boulenger in Beneden, 1881 are hereby set aside and skeleton Q, catalogue no. IRSNB 1534 in the Institut Royal des Sciences Naturelles de Belgique, Brussels, is designated as the lectotype.
- (2) The name *Iguanodon* Mantell, 1825 (gender: masculine), type species by designation in (1)(a) above *Iguanodon bernissartensis* Boulenger in Beneden, 1881, is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *bernissartensis* Boulenger in Beneden, 1881, as published in the binomen *Iguanodon bernissartensis* and as defined by the lectotype designated in (1)(b) above (specific name of the type species of *Iguanodon* Mantell, 1825) is hereby placed on the Official List of Specific Names in Zoology.

History of Case 3037

An application to designate *Iguanodon bernissartensis* Boulenger in Beneden, 1881 as the type species of *Iguanodon* Mantell, 1825, and to designate a lectotype for *I. bernissartensis*, was received from the late Dr Alan J. Charig and Ms Sandra Chapman (*The Natural History Museum, London, U.K.*) on 13 January 1997. After discussion the case was published in BZN 55: 99–104 (June 1998). Notice of the case was sent to appropriate journals.

Comments in support of the application from Prof David Norman (*The Sedgwick Museum, University of Cambridge, Cambridge, U.K.*) and from Dr Angela C. Milner (*The Natural History Museum, London, U.K.*) were published in BZN 55: 172 (September 1998).

Further supportive comments from Dr Paul M. Barrett (*University of Cambridge, Cambridge, U.K.*) and from Dr Kenneth Carpenter (*Denver Museum of Natural History, Denver, Colorado, U.S.A.*) were published in BZN 55: 239–240 (December 1998).

A comment from Dr Hans-Dieter Sues (*Royal Ontario Museum, Toronto, Ontario, Canada*), published in BZN 55: 240–241, supported the designation of the skeleton in the Institut Royal des Sciences Naturelles de Belgique in Brussels as the lectotype of *Iguanodon bernissartensis*, but opposed the designation of the latter nominal species

as the type of *Iguanodon* Mantell, 1825. A reply by Prof Norman was published in BZN 56: 65–66 (March 1999).

Decision of the Commission

On 1 September 1999 the members of the Commission were invited to vote on the proposals published in BZN 55: 102–103. At the close of the voting period on 1 December 1999 the votes were as follows:

Affirmative votes — 21: Bock, Bouchet, Brothers, Cocks, Cogger, Dupuis, Eschmeyer, Heppell, Kerzhner, Kraus, Macpherson, Mahnert, Mawatari, Minelli, Nielsen, Papp, Patterson, Savage, Schuster, Song, Štys

Negative votes — none.

No vote was received from Martins de Souza.

Lehtinen and Ride were on leave of absence.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

bernissartensis, *Iguanodon*, Boulenger in Beneden, 1881, *Bulletin de l'Académie Royale des Sciences, des Lettres et des Beaux-Arts de Belgique*, Classe des Sciences, (3)1(5): 606.
Iguanodon Mantell, 1825, *Philosophical Transactions of the Royal Society*, 115(1): 184.